

## WHAT IS CLAIMED IS:

1. An electrical contact, comprising:

a body configured to be placed on a conductive member and to move relative to the conductive member along a first axis of motion;

a contact portion joined with said body, said contact portion being configured to engage a second conductive member; and

a termination lead joined to said body, said termination lead having an outer end configured to be fixed securely to the first conductive member, said termination lead being movable with respect to said body to permit relative movement between said contact and the first conductive member along said first axis of motion.

2. The electrical contact of Claim 1, wherein said termination lead extends at an acute angle from said body and flexes about an arcuate path as said body moves along said first axis of motion.

3. The electrical contact of Claim 1, wherein said termination lead has a base end formed with a side wall of said body, said side wall bowing to permit said termination lead to translate along said first axis of motion.

4. The electrical contact of Claim 1, wherein said body includes a central beam defining and extending along a longitudinal axis of said body, said termination lead extending laterally from said central beam at one of acute and right angles with respect to said longitudinal axis.

5. The electrical contact of Claim 1, wherein said body includes a central beam and wherein a plurality of said termination leads extend laterally from opposite sides of said central beam.

6. The electrical contact of Claim 1, further comprising a plurality of said termination leads located proximately a center and opposite ends of said body.

7. The electrical contact of Claim 1, wherein said body includes a central beam having a slot cut therein to form side walls on opposite sides of said slot, said slot and side walls extending parallel to a length of said central beam, said termination lead joining one of said side walls.

8. The electrical contact of Claim 1, wherein said termination lead is L-shaped with a base end of said termination lead being formed with said body.

9. The electrical contact of Claim 1, wherein said body includes an end wall configured to be securely held in an electrical socket and an outer end of said termination lead is configured to be soldered to a circuit board.

10. The electrical contact of Claim 1, wherein said contact portion includes a plurality of contact beams interleaved with one another and extending toward one another from opposite ends of said body.

11. An electrical socket, comprising:

a housing configured to be placed on a circuit board and to receive an electronic component; and

a contact having a body securely held in said housing, said body joining a termination lead that has an outer end configured to be fixedly secured to the circuit board, said termination lead moving with respect to said body flexing when said housing shifts with respect to the circuit board.

12. The electrical socket of Claim 11, wherein said housing holds a plurality of said contacts that shift by different amounts with respect to the circuit board as said housing expands and contracts due to changes in temperature.

13. The electrical socket of Claim 11, wherein said termination lead flexes along an arcuate path to permit said body to move relative to the circuit board along first and second directions of motion that are perpendicular to one another.

14. The electrical socket of Claim 11, wherein said body includes a central beam defining and extending along a longitudinal axis of said body, said termination lead extending laterally from said central beam at one of acute and right angles with respect to said longitudinal axis.

15. The electrical socket of Claim 11, wherein said body includes a central beam and wherein a plurality of said termination leads project laterally from said central beam.

16. The electrical socket of Claim 11, further comprising a plurality of said termination leads located proximate a center and opposite ends of said body.

17. The electrical socket of Claim 11, wherein said body includes a central beam having a slot cut therein to form a side wall, said termination lead joining said side wall, said side wall flexing to permit said termination lead to translate along a length of said termination lead.

18. The electrical socket of Claim 11, wherein said termination lead is L-shaped and oriented with said outer end extending parallel to a length of said contact.

19. The electrical socket of Claim 11, wherein said outer end of said termination lead includes a pad containing a solder ball that is configured to be soldered to the circuit board.

20. The electrical socket of Claim 11, further comprising a plurality of termination leads, each of which has an outer end containing a solder ball, said solder balls being configured to be soldered to a circuit board to afford multiple points of connection between said contact and a circuit board.